

Converting Colors

XYZ(19.2094, 36.5590, 8.1052)

Have a look what the booklet for
XYZ(19.2094, 36.5590, 8.1052)
contains.

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Color

**XYZ(19.2202, 36.5579,
8.1412)**

Conversions

Conversions Part 1

Format	Color
Hex	27BC29
RGB	39, 188, 41
RGB Percent	15%, 74%, 16%
CMY	0.8471, 0.2627, 0.8392
CMYK	0.79, 0.00, 0.78, 0.26
HSL	121°, 66%, 45%
HSV	121°, 79%, 74%
XYZ	19.2202, 36.5579, 8.1412
YIQ	126.6910, -41.6170, -77.3050

Conversions

Conversions Part 2

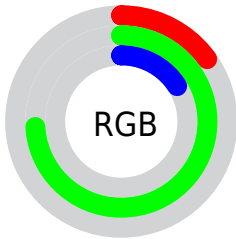
Format	Color
R _Y B	39, 186, 188
Decimal	2604073
CIE Lab	66.94, -64.04, 58.75
CIE LCh	67, 86.905, 137.466
Yxy	36.5579, 0.3007, 0.5719
Android (android.graphics.Color)	4280794153 (0xFF27BC29)
YUV	126.6910, -42.2457, -76.9050
Hunter-Lab	60.4631, -49.0684, 34.3409

Details

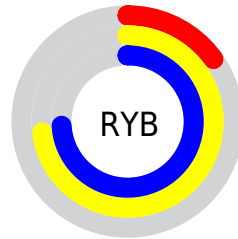
The XYZ color **19.2202, 36.5579, 8.1412** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **30.3282, 15.6880, 47.8831**, and the grayscale version is **20.2183, 21.2712, 23.1643**.

A 20% lighter version of the original color is **41.5391, 69.6314, 22.8061**, and **8.3875, 16.7751, 2.7958** is the 20% darker color. If you saturate the color by 10%, you get **18.4258, 36.1785, 6.7945**, and if you desaturate by 10%, it is **20.5212, 37.1831, 10.3088**.

Distribution



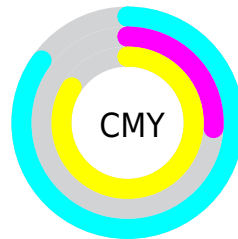
- Red (15%)
- Green (74%)
- Blue (16%)



- Red (15%)
- Yellow (73%)
- Blue (74%)



- Cyan (79%)
- Magenta (0%)
- Yellow (78%)
- Black (26%)



- Cyan (85%)
- Magenta (26%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2202, 36.5579, 8.1412 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 19.2202, 36.5579, 8.1412 by changing the saturation by 10% instead.

■ 19.2202, 36.5579,
8.1412

■ 19.2202, 36.5579,
8.1412

240.5765,
331.3925, 186.8111

■ 11.9344, 24.8654,
4.0964

■ 41.6199, 69.8923,
22.7855

■ 6.7709, 15.9768,
1.6784

■ 57.4645, 92.3030,
34.2221

■ 3.3643, 9.5077,
0.3458

■ 76.8927, 119.0552,
48.9596

■ 1.3492, 5.0738,
0.0000

■ 100.2700,
150.5332, 67.4167

■ 0.2196, 2.2906,
0.0000

■ 127.9617,
187.1216, 90.0119

■ 0.0000, 0.7687,
0.0000

■ 160.3331,

■ 0.0000, 0.0000,

229.2047, 117.1636

0.0000

197.7496,
277.1669, 149.2905

■ 19.2202, 36.5579,
8.1412

■ 19.2202, 36.5579,
8.1412

■ 18.4258, 36.1785,
6.7945

■ 20.5212, 37.1831,
10.3088

■ 18.0229, 35.9855,
6.1083

■ 22.3913, 38.0807,
13.3969

■ 17.9978, 35.9735,
6.0676

■ 24.8865, 39.2789,
17.4934

■ 28.0556, 40.8013,
22.6755

■ 31.9425, 42.6688,
29.0128

■ 36.5874, 44.9009,
36.5690

■ 42.0276, 47.5155,
45.4034

■ 48.2978, 50.5294,
55.5712

■ 55.4308, 53.9582,
67.1245

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.6832, 36.5579, 2.9558



19.2202, 36.5579, 8.1412



15.4171, 36.5579, 26.0425

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



19.2202, 36.5579, 8.1412



29.5333, 36.5579, 160.9777



64.9556, 36.5579, 21.7554

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



19.2202, 36.5579, 8.1412



30.3282, 15.6880, 47.8831

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.8159, 36.5579, 57.7220



19.2202, 36.5579, 8.1412



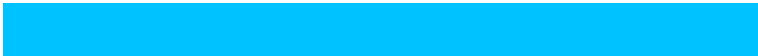
42.9209, 36.5579, 156.9093

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



19.2202, 36.5579, 8.1412



20.2781, 36.5579, 120.8003



56.9632, 36.5579, 111.7776



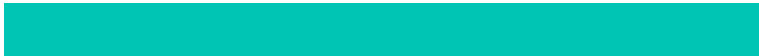
54.8460, 36.5579, 6.7024

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



19.2202, 36.5579, 8.1412



15.1919, 36.5579, 49.9995



56.9632, 36.5579, 111.7776



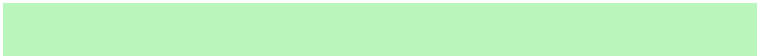
66.4132, 36.5579, 31.1005

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



19.2211, 36.5594, 8.1420



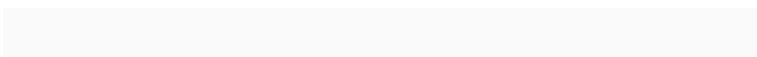
61.8057, 79.2099, 58.9547



39.0901, 46.8062, 8.8938



12.6662, 16.7335, 11.6611



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.2211, 36.5594, 8.1420



32.8358, 65.2993, 11.3393



21.8297, 37.6029, 21.8790



9.4139, 10.6517, 10.1629



12.2556, 24.4925, 4.1427



0.4819, 0.9601, 0.1717

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



30.3282, 15.6880, 47.8831



53.6984, 26.0363, 85.9405



24.4745, 13.3465, 17.0577



9.9243, 9.6940, 11.9903



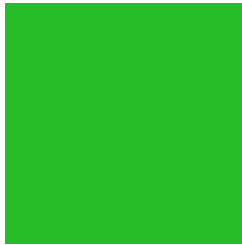
20.1187, 9.6786, 32.2481



0.7899, 0.3798, 1.2726

Previews

White Background



This preview shows how the XYZ color 19.2202, 36.5579, 8.1412 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 19.2202, 36.5579, 8.1412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

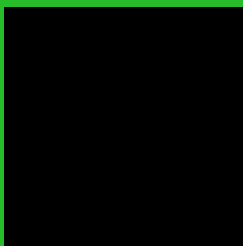
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

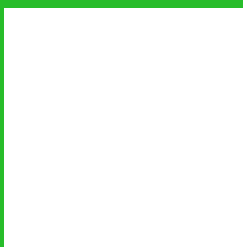
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2202, 36.5579, 8.1412

Background



This preview shows how black text looks on a background with the XYZ color 19.2202, 36.5579, 8.1412.



This preview shows how white text looks on a background with the XYZ color 19.2202, 36.5579,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

19.2202, 36.5579, 8.1412

Protanopia

32.5005, 35.9012, 6.7300

Deuteranopia

36.4622, 35.6245, 8.6958



Tritanopia

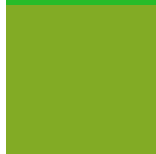
28.2616, 36.2654, 53.6545

Trichromacy



Original Color

19.2202, 36.5579, 8.1412



Protanomaly

24.1028, 34.0052, 7.0436



Deuteranomaly

25.5615, 33.3511, 8.2221



Tritanomaly

23.0783, 35.6207, 28.5808

Monochromacy



Original Color

19.2202, 36.5579, 8.1412



Achromatopsia

20.1725, 21.2231, 23.1119



Achromatomaly

17.5781, 24.7723, 14.9214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2202, 36.5579, 8.1412 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(39, 188, 41)` looks like.

```
.text, #text, p{  
    color:rgb(39, 188, 41)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(39, 188, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 188, 41) }
```

Border

The CSS property to change the border of an element to XYZ 19.2202, 36.5579, 8.1412 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(39, 188, 41) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(39, 188, 41) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(39, 188, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 188, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 188, 41);  
box-shadow:4px 4px 4px 4px rgb(39, 188,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2202, 36.5579, 8.1412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 188, 41) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(39, 188,  
41) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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